Title (en)

AUTOMATED MIRRORING AND REMOTE SWITCH PORT ANALYZER (RSPAN)/ENCAPSULATED REMOTE SWITCH PORT ANALYZER (ERSPAN) FUNCTIONS USING FABRIC ATTACH (FA) SIGNALING

Title (de)

AUTOMATISIERTES MIRRORING UND REMOTE-SWITCH-PORT-ANALYZER (RSPAN)/ENCAPSULATED-REMOTE-SWITCH-PORT-ANALYZER (ERSPAN)-FUNKTIONEN UNTER VERWENDUNG VON FABRIC-ATTACH (FA)-SIGNALISIERUNG

Title (fr)

FONCTIONS D'ÉCRITURE MIROIR AUTOMATISÉE ET D'ANALYSEUR DE PORT DE COMMUTATION À DISTANCE (RSPAN)/ENCAPSULÉS ANALYSEUR DE PORT DE COMMUTATION À DISTANCE (ERSPAN) AU MOYEN DE SIGNALISATION DE FABRIC-ATTACH (FA)

Publication

EP 3200398 A1 20170802 (EN)

Application

EP 17153578 A 20170127

Priority

US 201615010009 A 20160129

Abstract (en)

A method and apparatus for automated mirroring is presented. In a particular embodiment of a method for automated mirroring, a Network Device running as a Fabric Attach (FA) Server receives an FA Type Length Value (TLV) from an Access Device running as a FA proxy or client. The Access Device is configured to mirror traffic to a Remote Switch Port Analyzer (RSPAN) Virtual Local Area Network (VLAN). The TLV includes a request to associate the RSPAN VLAN with a Service Identifier (I-SID) used to carry mirror traffic in a network. The method includes wherein the FA server receives the mirrored traffic on the RSPAN VLAN. The FA Server signals the I-SID into the network, and detects receive interest in the I-SID. The FA Server delivers the mirrored traffic to devices that expressed a receive interest in the mirrored traffic.

IPC 8 full level

H04L 12/26 (2006.01)

CPC (source: EP US)

H04L 43/026 (2013.01 - EP US); **H04L 43/12** (2013.01 - EP US); **H04L 45/12** (2013.01 - US); **H04L 67/1095** (2013.01 - US)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3200398 A1 20170802; **EP 3200398 B1 20200909**; US 10075522 B2 20180911; US 2017223103 A1 20170803

DOCDB simple family (application)

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